

REMARKS

This letter is responsive to the Office Action dated March 29, 2006. Claims 13-15, 20, 21, and 25 stand rejected under 35 USC §102 as allegedly anticipated by U.S. Pat. No. 5,624,590 (Fiory) in view of U.S. Pat. No. 5,994,676 (Dutarte). Claims 16 and 22 are rejected under 35 USC §103(a) as allegedly obvious in view of Fiory. Claims 17-19 are rejected under 35 USC §103(a) as allegedly unpatentable over Fiory in view of DE 3803336 (Kokoschke). Claim 23 is rejected under 35 USC §103(a) as allegedly obvious over Fiory in view of U.S. Pat. No. 5,874,711 (Champetier). Claim 24 is rejected under 35 USC §103(a) as allegedly obvious over Fiory in view of U.S. Pat. No. 5,628,564 (Nenyei), while claim 26 is rejected under 35 U.S.C. §103(a) over Fiory in view of U.S. Pat. No. 4,321,299 (Frazer).

As indicated on the foregoing sheets, the claims have been amended, and in light of such amendments, it is believed the claims are allowable. Therefore, favorable action to that end is respectfully requested.

NEW CLAIMS 27 – 31

Applicants have added new independent claim 27 and dependent claims 28-31 pertaining to subject matter originally disclosed but unclaimed in the application-as-filed. Support for these added claims can be found in the specification, including at page 10, starting at line 11 through page 12, and in Figs. 2 and 3 and accompanying discussion starting at page 16, line 21 through page 23.

NEW CLAIMS 33 – 46 (FORMER CLAIMS 13 – 26)

Previously-pending claims 13-26 have been cancelled, and re-presented as claims 33-46 for purposes of clarity since such claims now depend from new claim 27.

In response to the Objection in the Office Action, claims 35 and 44 (corresponding to cancelled claims 15 and 24) now indicate that the particular reflectivities, emissivities, and the like are relative to the wavelength of the heat radiation of the chamber.

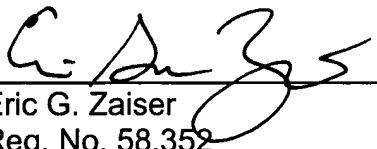
The references cited do not teach all presently-claimed elements of new independent claim 27, and therefore Applicants respectfully request that the rejections based on such references be withdrawn.

Applicants respectfully submit that all presently-pending claims are in condition for allowance, and invite the Examiner to contact the undersigned should any issues remain outstanding. Please charge any additional fees required by this Response to Deposit Account No. 04-1403.

Respectfully submitted,

DORITY & MANNING, P.A.

31 July 2006
Date


Eric G. Zaiser
Reg. No. 58,352
P.O. Box 1449
Greenville, SC 29602
(864) 271-1592
(864) 233-7342